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6/02/90

ADMINISTRATIVE RECORD INDEX - UPDATE #1
OTT/STORY/CORDOVA, MI: OPERABLE UNIT #2
(The AR and indices for Operable Unit #1 are
hereby incorporated by reference into Operable Unit #2)

ICHS/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
1		90/03/30	Form letter in response to citizens' questions and concerns, re: health surveys to be conducted	B.Boyle, Interagency Center for Health and Environmental Quality	Citizens	Correspondence	1
4		90/03/30	Letter commenting on review of draft proposed plan, concurring with Water Supply Division's support for the preferred groundwater treatment alternative	J. Pilpus, MDPH	D. Jordan-Izaguirre, A TSDR	Correspondence	2
2		90/04/10	Letter re: 2/14/90 correspondence from USEPA to MDNR discussing draft ROD language for the site	W. Bradford, MDNR	J. Dikinis, USEPA	Correspondence	3
1		90/05/04	Letter transmitting the ROD and PFS for the 1st operable unit	R. Hart, USEPA	J. Palenski, US Army COE	Correspondence	4
1		90/05/08	Letter re: review of USEPA's ARARs submittal	R. Tazreak, MDNR	R. Hart, USEPA	Correspondence	5
5		89/12/00	CERCLA Compliance with State Requirements: Quick Reference Fact Sheet	USEPA		Fact Sheet	6
4		90/03/00	Environmental Fact Sheet: Toxicity Characteristic Rule Finalized	USEPA		Fact Sheet	7
4		00/00/00	The Final National Contingency Plan: New Directions for Superfund	USEPA		Guidance	8
7		88/03/03	DRAFT Water Quality Criteria Summary Chart	USEPA		Guidance	9
12		88/12/05	Memo re: Table of Drinking Water Standards and Health Advisories	R. Idanowicz, USEPA	USEPA personnel	Guidance	10
8		89/00/00	Proposed Requirements	USEPA		Guidance	11

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SLICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			for 38 Inorganic and Organic Drinking Water Contaminants				
3		89/09/14	Memo re: Notification of Out-of-State Shipments of Superfund Site Wastes	J.Cannon, USEPA	USEPA Regions I-X	Guidance	12
6		89/10/00	CERCLA Compliance with Other Laws Manual RCRA ARARs: Focus on Closure Requirements	USEPA		Guidance	13
5		89/12/00	CERCLA Compliance With Other Laws Manual Overview of ARARs: Focus on ARAR Waivers	USEPA		Guidance	14
16		89/12/15	Memo re: Accelerated Response at NPL Sites Guidance (OSWER Dir. No. 9200.2-02)	D.Clay, USEPA	USEPA Regions I-X	Guidance	15
4		90/02/15	Memo re: Final Revisions to the National Contingency Plan	H.Longest II, USEPA	USEPA Regions I-X	Guidance	16
2		90/03/27	Memo re: screening review of treatment technologies for soils and sediments at the St.Louis River site	P.dePercin, USEPA	D.Siebers, USEPA	Guidance	17
13		90/04/00	Drinking Water Regulations and Health Advisories	USEPA Office of Drinking Water		Guidance	18
2		90/04/06	Memo re: Water Division Review of draft proposed plan	D.Bryson, USEPA	D.Ullrich, USEPA	Memorandum	19
1		90/04/10	Memo stating that Unilateral Administrative Order for 1st operable unit was issued; no response has been received from PRPs with intention	R.Hart, USEPA	S.Nathan, USEPA	Memorandum	20

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ICHS/PAGE	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			to comply with the Order				
	1	90/04/16	Memo re: review of draft proposed plan for the second of two planned operable units	Xuan-Mai Tran, USEPA	R. Hart, USEPA	Memorandum	21
	1	90/05/08	Memo re: Comments on Feasibility Study for the site	B. Blaney, USEPA Office of R&D	D. Yeskis, USEPA	Memorandum	22
	2 /	00/00/00	Treatability Assessment Planning Guide for Solidification/Stabilization of Contaminated Soils	Center Hill Solid and Hazardous Waste Research Facility, OH		Other	23
	6	00/00/00	RPM's note to reviewers of the first draft proposed plan, discussing soils alternatives	R. Hart, USEPA		Other	24
	2 /	89/04/00	Superfund Innovative Technology Evaluation Demonstration Bulletin Organic Extraction Utilizing Solvents	USEPA		Other	25
	1	89/06/21	Telephone Conversation between USEPA and CH2M Hill re: Nor-Am Chemical Production Wells	B. Rundell, Black & Veatch		Other	26
	1 /	90/02/00	Superfund Innovative Technology Evaluation Demonstration Bulletin In-Situ Steam/Hot-Air Soil Stripping	USEPA		Other	27
	10	00/00/00	Abstract: Removal of Soluble Toxic Metals from Water	Various Authors		Reports/Studies	28
	13	00/00/00	Bench-Scale Biodegradation Studies With Organic Pollutants Using a White	Various Authors	USEPA	Reports/Studies	29

ADMINISTRATIVE RECORD INDEX - UPDATE #1
OTT/STORY/CORDOVA, MI; OPERABLE UNIT #2
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SIC/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			Rot Fungus				
19	00/00/00		Vacuum-Assisted Steam Stripping to Remove Pollutants from Contaminated Soil; A Laboratory Study	Geosynthetic Research Institute & USEPA		Reports/Studies	30
27	00/00/00		A Field Demonstration of the UV/Oxidation Technology to Treat Ground Water Contaminated with VOCs	USEPA and PRC Environmental Management, Inc.		Reports/Studies	31
10	89/04/14		Preliminary Health Assessment	ATSDR		Reports/Studies	32
16/8	89/10/00		1989 Report on Great Lakes Water Quality Appendix A Progress in Developing and Implementing Remedial Action Plans for Areas of Concern in Great Lakes	Great Lakes Water Quality Board		Reports/Studies	33
139	90/01/00		Superfund Technology Evaluation Report: SITE Program Demonstration of the Ultrox International Ultraviolet Radiation/Oxidation Technology	USEPA		Reports/Studies	34
69	90/05/07		Work Plan Treatability Pilot Study	Waste Science & Technology Corp.	USEPA	Reports/Studies	35



ADMINISTRATIVE RECORD INDEX - UPDATE #1
OTT/STORY/CORDOVA, MI: OPERABLE UNIT #2
(the following documents are not copied,
but are available for review in USEPA Region V Chicago Office

SIC/FRAN	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCRNUMBER
		00/00/00	Cordova generator ID, Part A & Part B, inspection and closure related correspondence in the RCRA files (several hundred pages)	Various	Various	Other	
199		90/03/08	Federal Register containing the revised Final National Contin- gency Plan(pp.8666-8865)			Other	
126		88/12/21	Federal Register Containing the proposed Revised National Contin- gency Plan(pp.51394-51520) (Note:the preamble of the final NCP refers back to certain parts of the proposed NCP)			Other	



ADMINISTRATIVE RECORD INDEX (ATTACHMENT)-UPDATE #1
OTT/STORY/CORDOVA OPERABLE UNIT #2

USEPA BELIEVES THAT CERTAIN ARTICLES APPEARING IN VARIOUS ENVIRONMENTAL JOURNALS MAY BE OF INTEREST IN HELPING TO UNDERSTAND TECHNOLOGY ISSUES WHICH MAY BE OF RELEVANCE TO SITE DECISIONS. HOWEVER, USEPA DOES NOT WISH TO WRONGFULLY COPY SUCH MATERIAL. THEREFORE, USEPA LISTS BELOW ARTICLE TITLES AND JOURNAL SOURCES AND WILL MAKE INFORMATION AVAILABLE AT ITS REGION V CHICAGO OFFICE.

1. From Hazardous Materials Journal, Vol.3, Number 2, March-April 1990.

"A Field Evaluation of the UV/Oxidation Technology to Treat Contaminated Groundwater" by N.Lewis, K.Topudurti, and R.Foster - p.42.

"A Catalog of Research-New Technology Under Study"-p.56

"Hazardous Waste Decontamination with Plasma Reactors" by L.J.Staley - p.67.

2. From Hazardous Materials Journal, Vol.3, Number 1, January-February 1990.

"ATSDR Update: Goals for Implementing the Health Provisions of CERCLA" by B.L.Johnson - p.30.

"Using an Organophilic Clay to Chemically Stabilize Waste Containing Organic Compounds" by R.Soundararajan, E.P.Barth, J.J.Gibbons - p.42.

3. From Pollution Engineering, Volume XXI, Number 5, May 1989.

"Biological Treatment of Hazardous Waste" by M.F.Torpy, H.F.Stroo, and G.Brubater - p.80.

4. From Pollution Engineering, Volume XXI, Number 7, July 1989.

"Remediation through Groundwater Recovery and Treatment" by G.J.Ziegler - p.75.

"Status of Contaminated Soil/Sediment Cleanup Criteria Development" by J.Fitchko, PhD - p.90.

5. From Pollution Engineering, Volume XXI, Number 13, December 1989.

"New Way to Measure Landfill Clay Liner Conductivity"
by J.Uppot and C.L.Rauser - p.52.

6. From Pollution Engineering, Volume XXI, Number 8, August 1989.

"On-Site Incineration as a Remedial Action Alternative"
by R.J.McCormick and M.L.Duke - p.68.

7. From Hazardous Materials Control, Volume 2, Number 5, September-October 1989.

"Bioremediation of Hazardous Waste" by A.Q.Bourquin -
p.16.

8. From Hazardous Materials Control, Volume 1, Number 4, July-August 1988.

"Industrial Waste Remediation" by C.R.Brunner - p.26.

9. From Pollution Engineering, Volume XXI, Number 11, October 1989.

"Thermal Treatment Technologies for Hazardous Waste Remediation" by N.P.Johnson and M.G.Cosmos.

10. From Chemical and Engineering News, February 19, 1990, pp.5-6.

"Benzene in Perrier found by North Carolina Lab".

11. From Chemical and Engineering News, March 12, 1990, p.4.

"Hazardous Wastes: EPA Adds 25 Organics to RCRA List".

12. From Chemical and Engineering News, December 5, 1988, p.14.

"Contaminated Wells Create Headache for Kodak".

13. From Chemical and Engineering News, April 30, 1990,
pp.10-15, Volume 68, Number 18.

"Chemical Management, Communities Tussle with Hazardous
Waste Rules".

14. From Chemical and Engineering News, December 24, 1988,
pp.24-25.

"Low-cost Cleanup of Petrochemicals".

15. From Chemical and Engineering News, September 14, 1987,
pp.17-19.

"Fungus Shows Promise in Hazardous Waste Treatment".

16. From Pollution Engineering, February 1987, pp.66-68.

"Vacuum VOCs from Soil" by M.Bennedsen.

17. From Chemical and Engineering News, December 22, 1986,
pp.20-21.

"Plasma Technology to Tackle Toxic Wastes".

18. From Hazardous Materials Control, March/April 1989,
pp.8-12 and 70-74.

"Part 1: Choosing a Treatment for VHO-Contaminated
Soil" by D.Towers, et al.

|bid - pp.14-19, "Part 2: In Situ Heating to Detoxify
Organic-Contaminated Soils" by K.Ohma and J.Buelt.

19. From Hazardous Materials Control, November/December
1988, pp.15-18 and 30-31.

"Part 2: Groundwater Cleanup at Several Superfund
Sites" by L.Haiges and R.Knox.



ACRONYM LIST FOR
OTT/STORY/CORDOVA OPERABLE UNIT #2-UPDATE #1
ADMINISTRATIVE RECORD INDEX

ATSDR	Agency for Toxic Substances & Disease Registry
ARARS	Applicable and/or Relevant and Appropriate Requirements
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
FFS	Focused Feasibility Study
MDNR	Michigan Department of Natural Resources
MDPH	Michigan Department of Public Health
OSWER	Office of Solid Waste and Emergency Response
PRP	Potentially Responsible Party
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
USEPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds